OPTICAL TRANSCEIVER

25G SFP28 TRANSCEIVER

UT-925G-XX

Scope of Application

The LINK SFP28 transceivers are high performance, cost effective modules which is the best for all 25G network interface, The UT-925G series can install into Switch products with SFP28 interface and can be compatible with Cisco & other brands.

LINK 25G SFP28 transceivers provide extended connectivity up to 70m (OM3) or 100m (OM4) transmission distance with Multi-mode fiber (MM) and up to 80 km transmission distance with Single-mode fiber (SM).

LINK SFP28 transceivers are a hot-pluggable (or hot-swappable). You can plug-in and out the transceiver to/from any SFP28 port without having to power down the network devices.

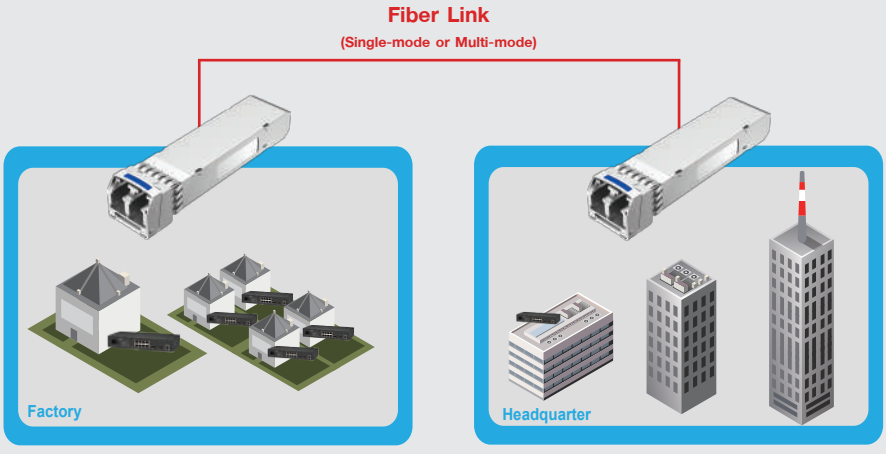
Features Highlight

- Hot-Pluggable and support data rate up to 25Gbps
- Compliant with 25GBASE 25Gigabit Ethernet standard
- Compliant with SFP28 Multi Source Agreement (MSA)
- 850nm VCSEL and 1310nm DFB transmitter, PIN photo-detector
- Electrical interface compliant to SFF-8431 and SFF-8432
- Digital Diagnostic Monitoring Interface (DDMI) Capability
- Diagnostic Monitoring Interface to SFF-8472
- All-metal housing for superior EMI performance
- Class 1 laser and complies with EN 60825-1
- Low power consumption, Single +3.3V Power supply
- Duplex LC connector
- Operating temperature from 0°C to 70°C
- Cost effective SFP28 solution, enables higher port densities and greater bandwidth
- RoHS Compliant

Applications

- 25 Gigabit Ethernet
- Fiber Channel
- Switch to Switch interface
- Network Storage
- Router/Server interface
- Switched backplane applications
- Other optical transmission systems
- 25GBase-SR, 25GBase-LR, 25GBase-ER, 25GBase-ZR

Fiber-Optic Link Capability of Network Deployment



Technical Data

Standards	
IEEE 802.3 - 2016, 2017	25 Gigabit Ethernet
Mechanical and Environment	
Form Factor	SFP28
Connector	Duplex LC
DDMI/DOM	Supported
Power Supply Voltage	3.3V
Operating Temperature	0°C to 70°C
Storage Temperature	-40°C to 85°C
Operating Humidity	10% to 95% RH (non-condensing)
Storage Humidity	5% to 95% RH (non-condensing)
Compatible List	Alcatel, Allied Telesis, Arista, Aruba, Avaya, Brocade, Cisco, Cisco Meraki, Dahua, Dell, Delta, D-Link, Ericsson, Extreme, Fiberhome, Fortinet, H3C, Hikvision, Hirschmann, HP/HPE, Huawei, IBM, INTEL, Juniper, Linksys, Mellanox, MikroTik, Moxa, Netgear, Nokia, Nortel, Palo Alto, QNAP, Ruckus, Ruijie, Sophos, Synology, TP-Link, Ubiquiti, ZTE, Zyxel, etc.

Certications	
ESD	MIL-STD-883E Method 3015.7
	IEC 61000-4-2
EMI	CISPR22 ITE Class B
	FCC Class B & CE
	EN 55022
	VCCI Class 1
EMC	IEC 61000-4-3
Product Safety	FDA 21 CFR 1040.10 and 1040.11
	Class 1 Laser
	EN 60825-1
	EN 60825-2
	EN 60950-1
Green Product	RoHS
Ordering Information	
UT-925G-XX00	25G SFP28 SR MMF 850nm 100m
UT-925G-XX10	25G SFP28 LR SMF 1310nm 10km
UT-925G-XX40	25G SFP28 ER SMF 1310nm 40km
UT-925G-XX80	25G SFP28 ZR SMF 1300nm 80km

Note :

** Specifications subject to change without notice.*

** XX is code of transceiver as requested from compatible list.*

LC = LINK-Cisco
HP = Hewlett Packard
AB = Aruba
AA = Adva/Adtran
AL = Alcatel-Lucent
AT = Arista
AY = Avaya
BC = Brocade
CN = Ciena
DL = Dell
ES = Ericsson
ET = Extreme
FN = Fortinet
HC = H3C
HM = Hirschmann
HW = Huawei
IB = IBM
IT = INTEL
JP = Juniper
MN = Mellanox
NK = Nokia
SM = Siemens
ZT = ZTE

Opical Characteristics

Part Number	Transmit Power (dBm)	Receiver Sensitivity (dBm)	Wavelength (nm)	Operation Distance (m)					Input Voltage (V)	Connector
				OM1 62.5/125	OM2 50/125	OM3 50/125	OM4 50/125	OS2 9/125		
UT-925G-XX00	-9.1 to +2.4	-11	850	Not supported	Not supported	70	100	-	3.3	Duplex LC
UT-925G-XX10	-5 to +2	-13	1310	-	-	-	-	10,000	3.3	Duplex LC
UT-925G-XX40	-3 to +6	-19	1310	-	-	-	-	40,000	3.3	Duplex LC
UT-925G-XX80	TBD	TBD	1300	-	-	-	-	80,000	3.3	Duplex LC

Drawing